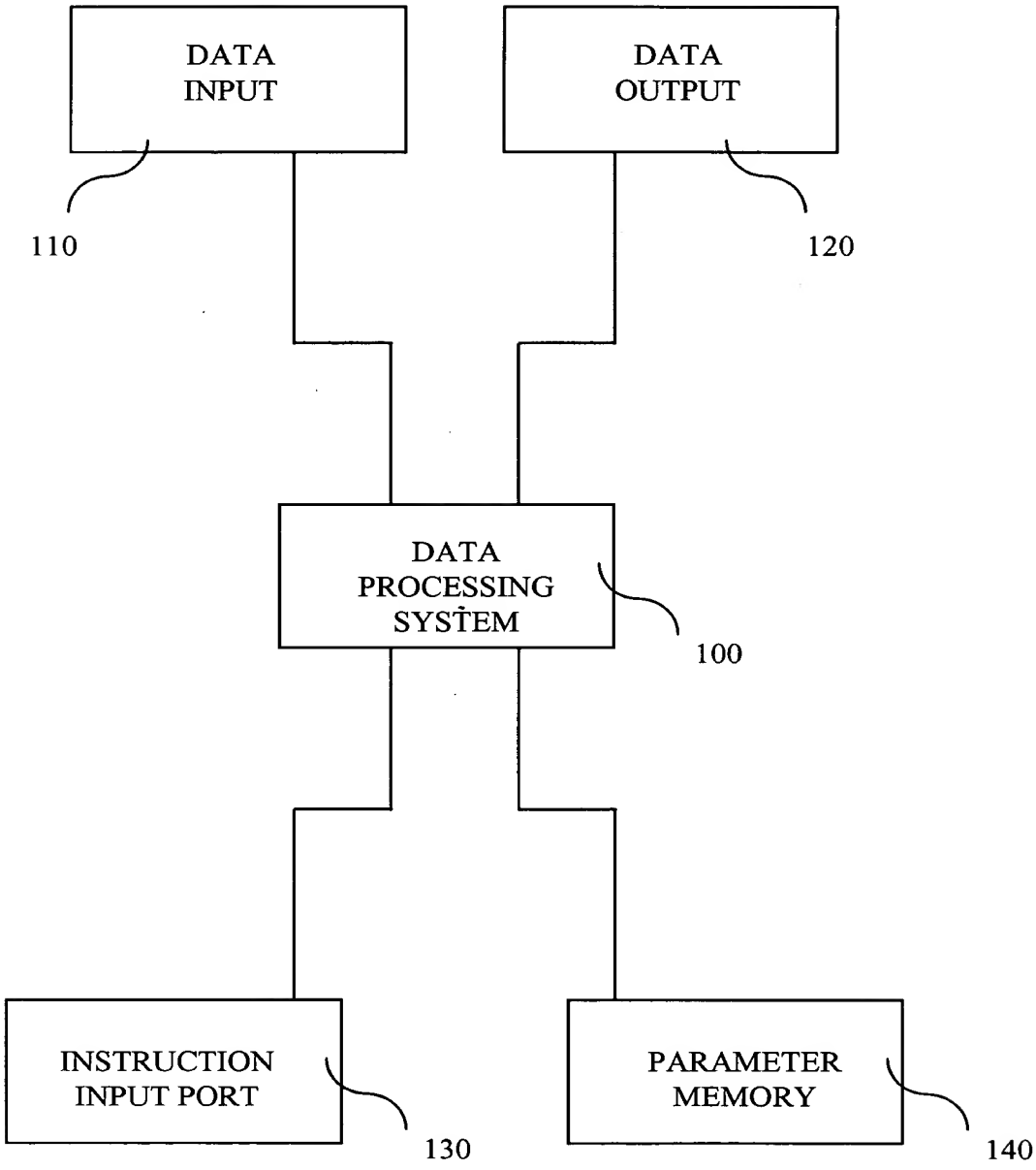
DATA
INPUT
DATA
OUTPUT
110
120
DATA
PROCESSING
SYSTEM
100
INSTRUCTION
INPUT PORT
130
PARAMETER
MEMORY
140

Fig. 1

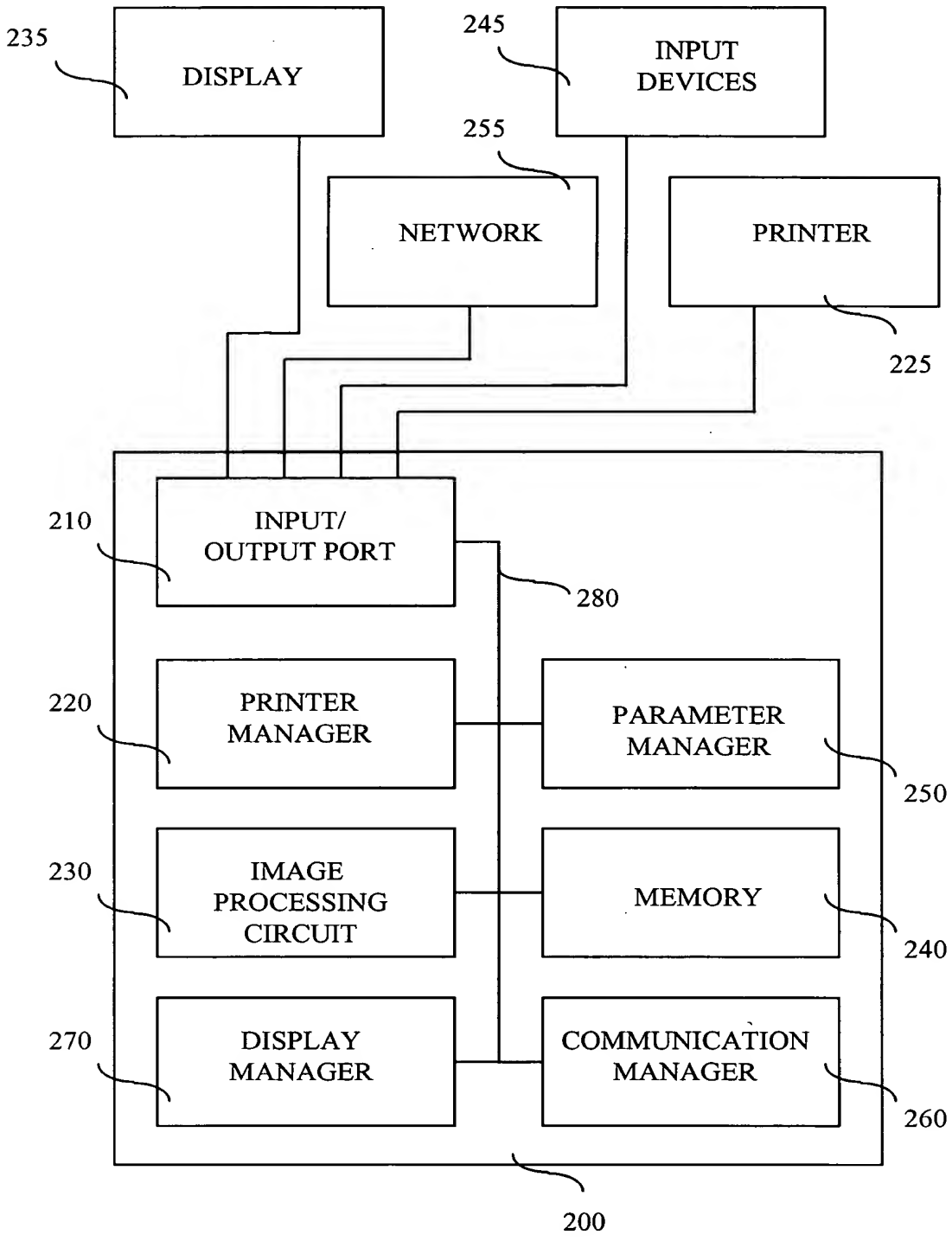
235
DISPLAY
245
INPUT DEVICES
255
NETWORK
PRINTER
225
210
INPUT/ OUTPUT PORT
280
220
PRINTER MANAGER
PARAMETER MANAGER
250
230
IMAGE PROCESSING CIRCUIT
MEMORY
240
270
DISPLAY MANAGER
COMMUNICATION MANAGER
260
200

Fig. 2

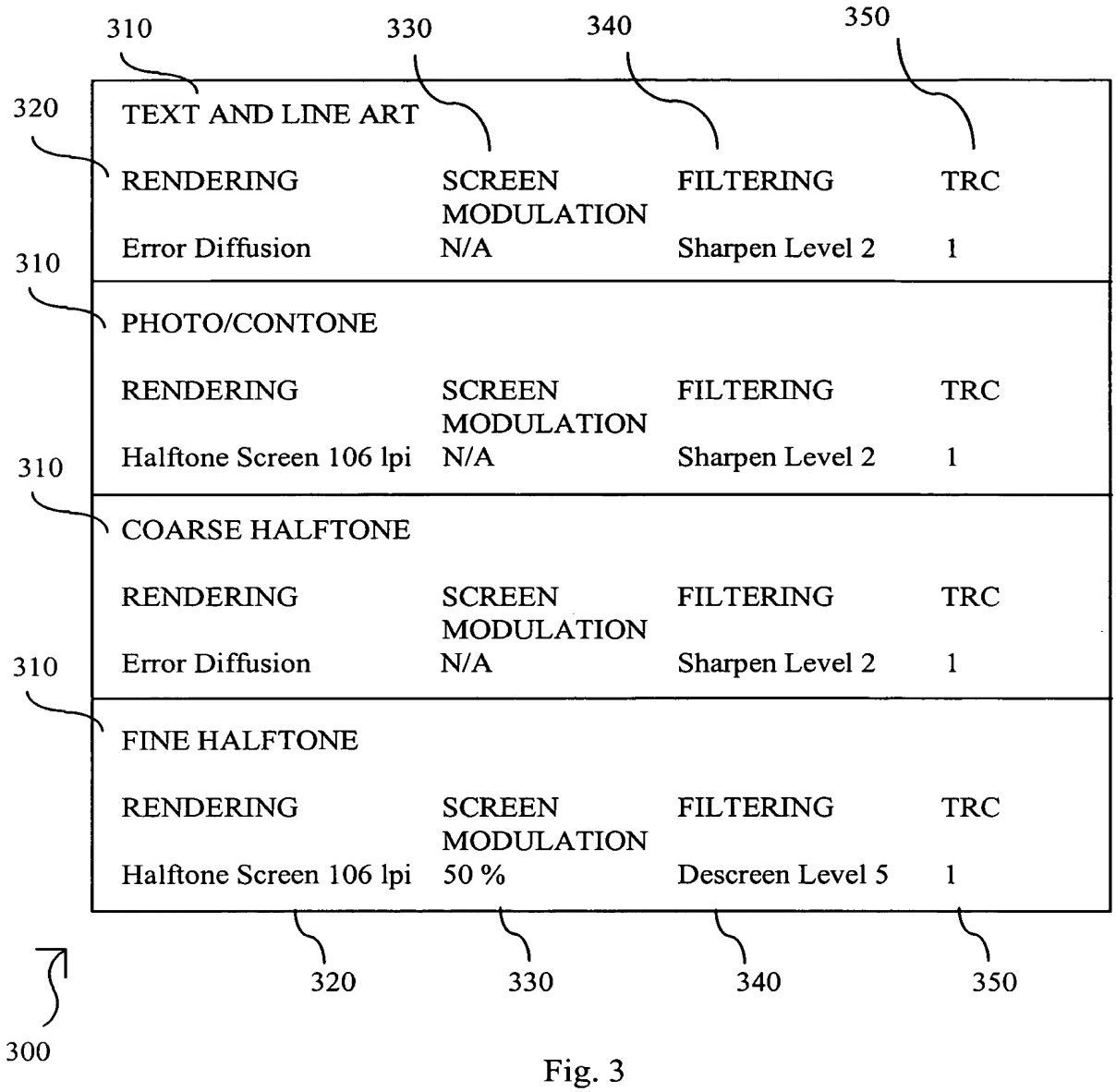

Fig. 3

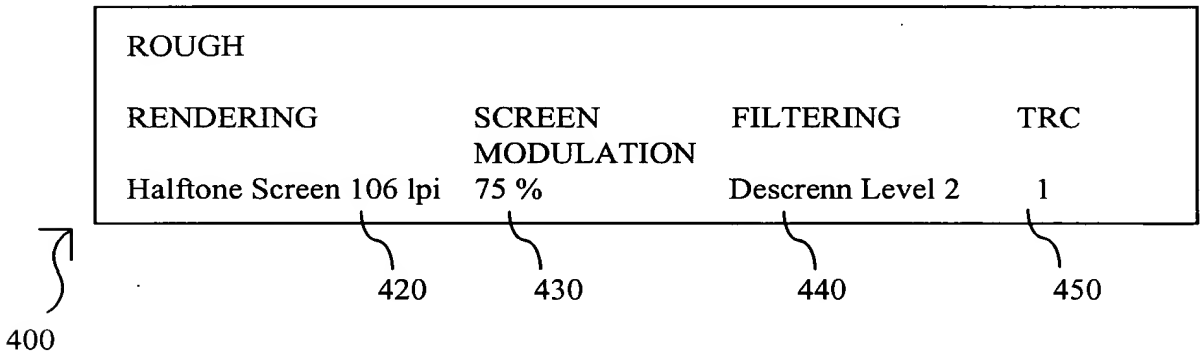

Fig. 4

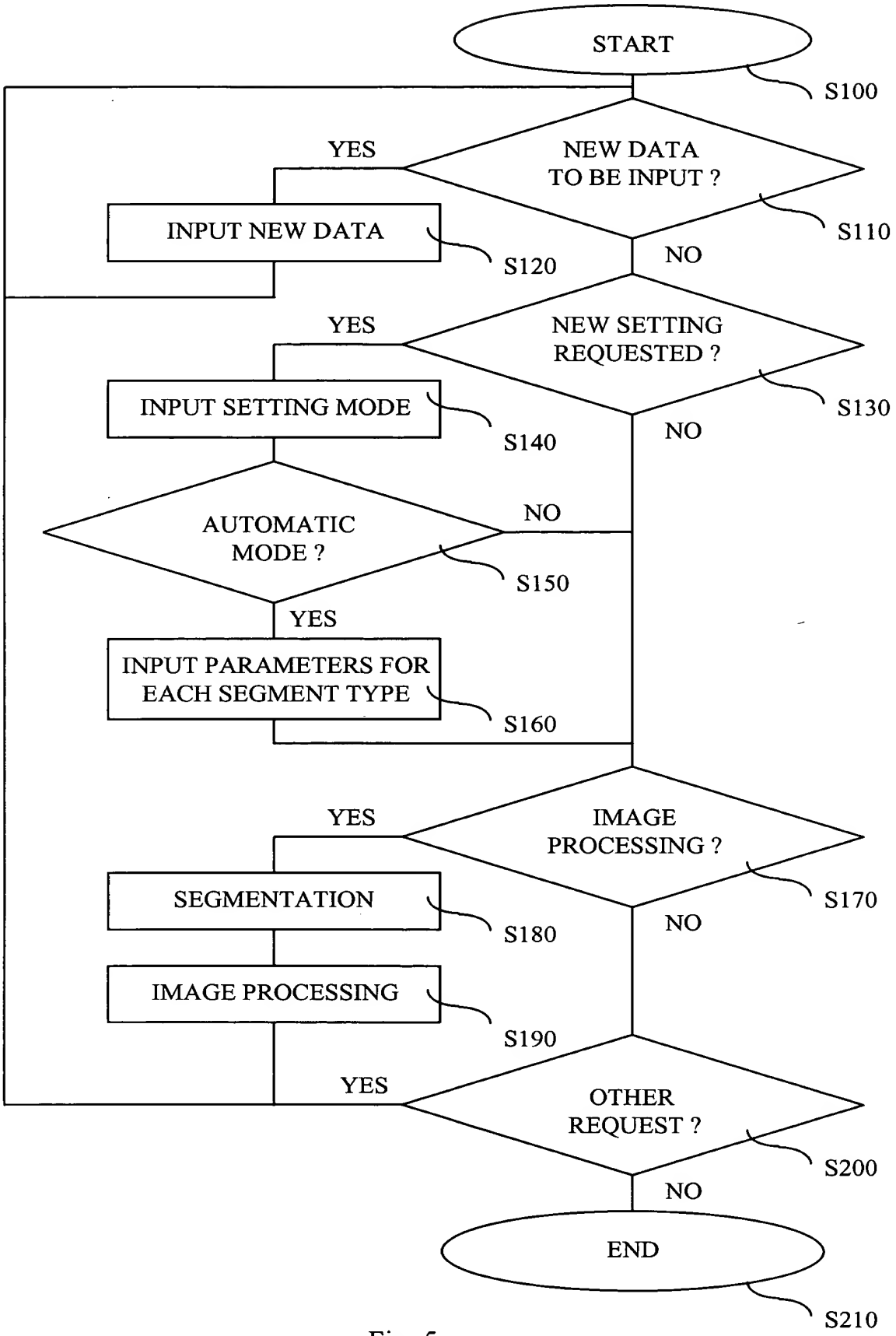
START
S100
NEW DATA TO BE INPUT ?
YES
NO
S110
INPUT NEW DATA
S120
NEW SETTING REQUESTED ?
YES
NO
S130
INPUT SETTING MODE
S140
AUTOMATIC MODE ?
NO
YES
S150
INPUT PARAMETERS FOR EACH SEGMENT TYPE
S160
IMAGE PROCESSING ?
YES
NO
S170
SEGMENTATION
S180
IMAGE PROCESSING
S190
OTHER REQUEST ?
YES
NO
S200
END
S210

Fig. 5

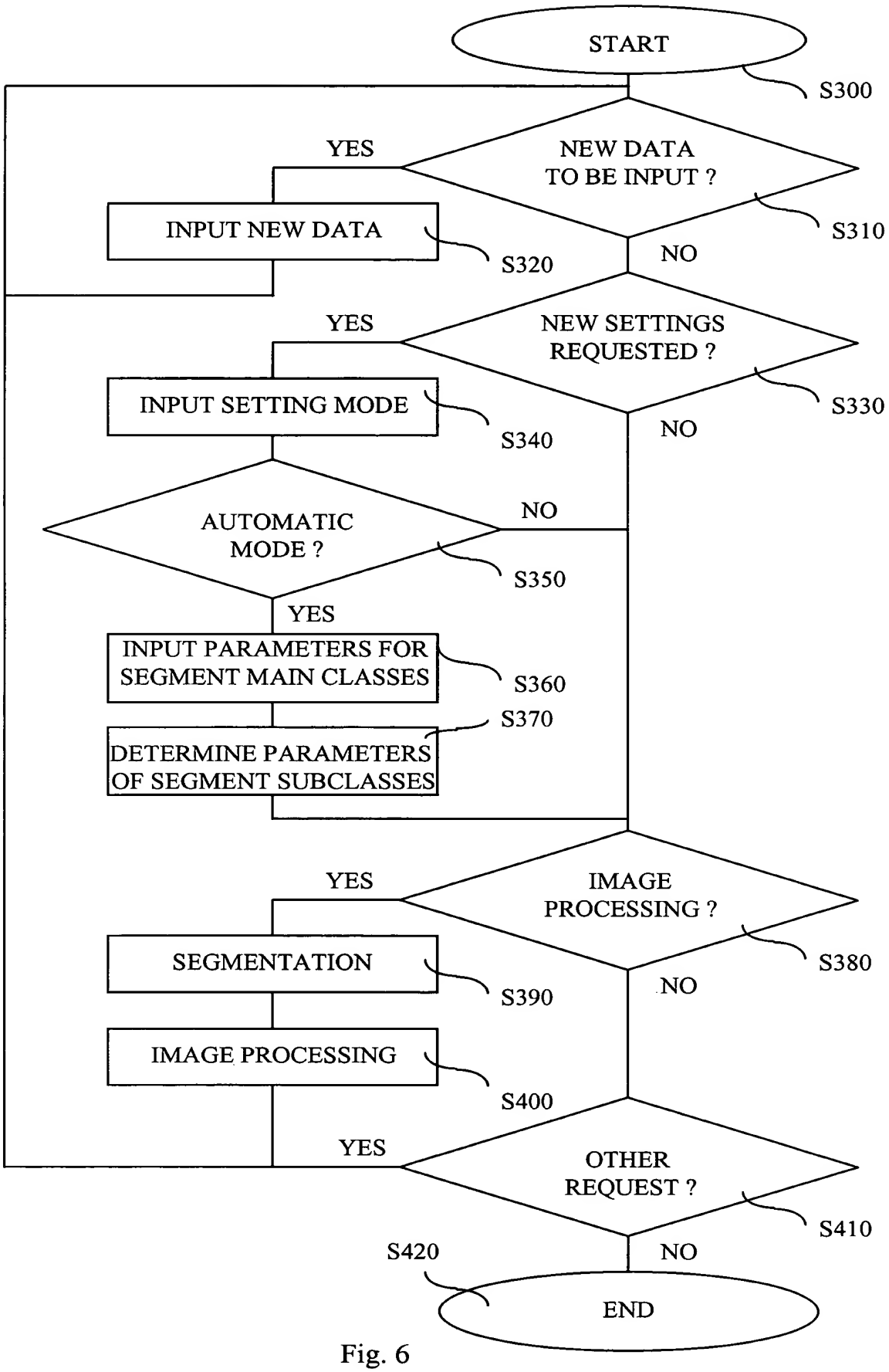
START
S300
NEW DATA TO BE INPUT ?
YES
S310
INPUT NEW DATA
S320
NO
NEW SETTINGS REQUESTED ?
YES
S330
INPUT SETTING MODE
S340
NO
AUTOMATIC MODE ?
NO
S350
YES
INPUT PARAMETERS FOR SEGMENT MAIN CLASSES
S360
S370
DETERMINE PARAMETERS OF SEGMENT SUBCLASSES
IMAGE PROCESSING ?
YES
S380
SEGMENTATION
S390
NO
IMAGE PROCESSING
S400
OTHER REQUEST ?
YES
S410
NO
S420
END

Fig. 6

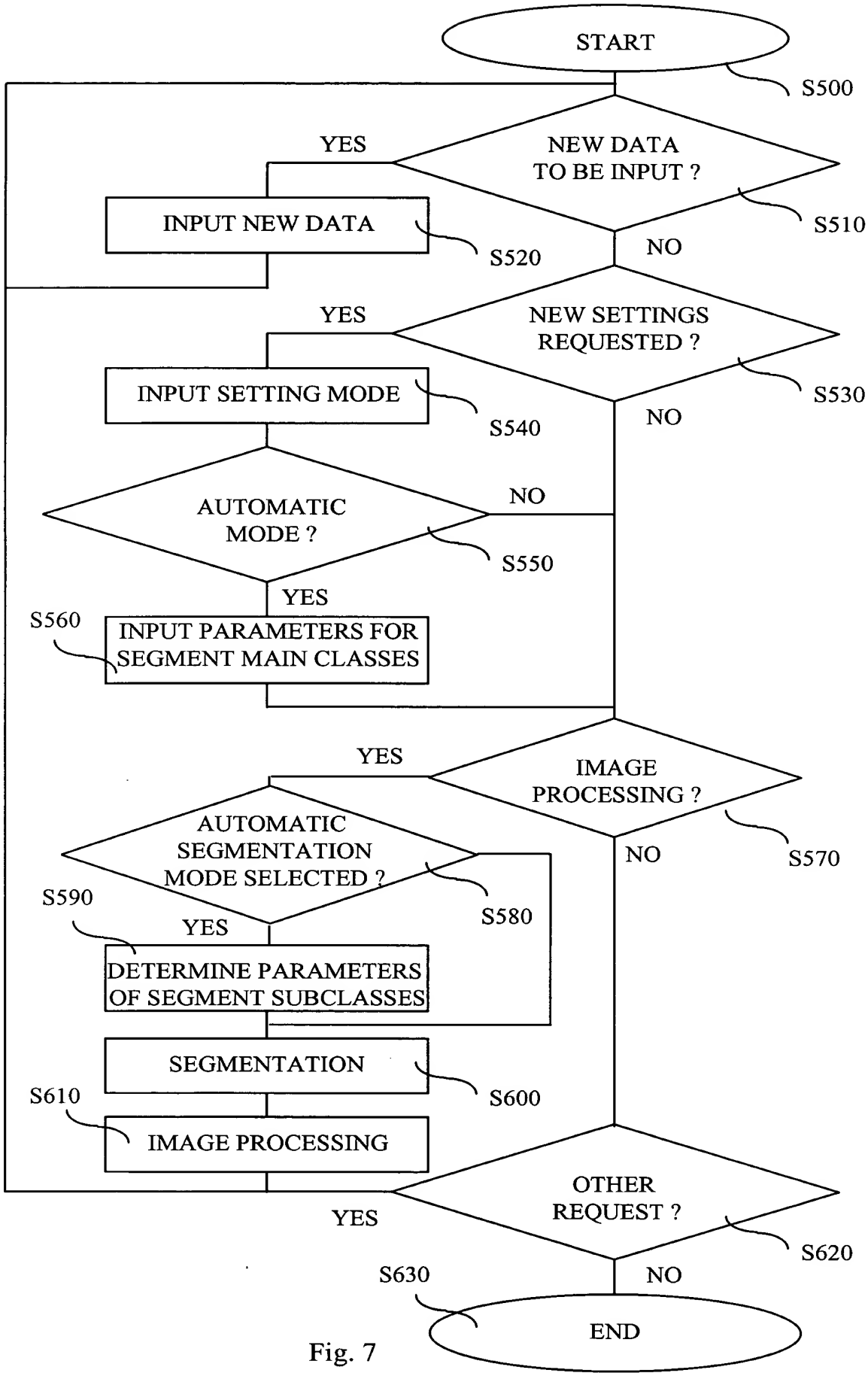
START
S500
NEW DATA TO BE INPUT ?
YES
S510
INPUT NEW DATA
S520
NO
NEW SETTINGS REQUESTED ?
YES
S530
INPUT SETTING MODE
S540
NO
AUTOMATIC MODE ?
NO
S550
YES
S560
INPUT PARAMETERS FOR SEGMENT MAIN CLASSES
IMAGE PROCESSING ?
YES
S570
NO
AUTOMATIC SEGMENTATION MODE SELECTED ?
S580
S590
YES
DETERMINE PARAMETERS OF SEGMENT SUBCLASSES
SEGMENTATION
S600
S610
IMAGE PROCESSING
OTHER REQUEST ?
YES
S620
S630
NO
END

Fig. 7